

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Toshio SUGIMURA

SERIAL NO: New Application

GAU:

FILED: Herewith

EXAMINER:

FOR: ABNORMALITY DETECTING DEVICE FOR VEHICULAR HYDRAULIC PRESSURE CONTROL CIRCUIT

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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DOCKET NO.: 251989US2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Toshio SUGIMURA

SERIAL NO: New Application

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FOR: ABNORMALITY DETECTING DEVICE FOR VEHICULAR HYDRAULIC
PRESSURE CONTROL CIRCUIT

STATEMENT OF RELEVANCY

Reference AO (JP 2000-266176) on Form PTO-1449:

In a failure diagnosing device, after turning on an ignition key switch, whether or not fastening/releasing operation of a first frictionally engaging element finishes after inputting a power source by a solenoid valve corresponding to a hydraulic pressure sensor of a first diagnostic object, that is, whether or not the solenoid valve finishes a single operation (ON→OFF) is judged.

Reference AP (JP 5-118306) on Form PTO-1449:

In a hydraulic control which cannot be turned off during its operation in order to ensure the continuity of the control, a failure detecting device for a valve hydraulic control is provided.

Reference AQ (JP 2003-49937) on Form PTO-1449:

A tie-up of a friction element caused by a valve stick of a hydraulic pressure control device is detected in advance, by providing a fail-safe valve and a hydraulic switch in the downstream of the fail-safe valve for detecting the hydraulic pressure generated in a circuit.

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 251989US2		SERIAL NO. New Application	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Toshio SUGIMURA			
				FILING DATE Herewith		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO	2000-266176	09/26/2000	JAPAN (with English Abstract)		X	
	AP	5-118306	05/14/93	JAPAN (with English Abstract)		X	
	AQ	2003-49937	02/21/2003	JAPAN (with English Abstract)		X	
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							